WEST Search History

10/755,622

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DATE: Friday, December 10, 2004

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☐	L6	6734348.pn.	1
☐	L5	L4 not l3	1
☐	L4	ph48v	2
☐	L3	l1 and L2	6
☐	L2	maize or corn or zea	85712
☐	L1	mohror.in.	7

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6777597 B1

L3: Entry 1 of 6 File: USPT Aug 17, 2004

US-PAT-NO: 6777597
DOCUMENT-IDENTIFIER: US 6777597 B1

TITLE: Hybrid maize plant and seed 31R88

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. De

☐ 2. Document ID: US 6734348 B1

L3: Entry 2 of 6 File: USPT May 11, 2004

US-PAT-NO: 6734348
DOCUMENT-IDENTIFIER: US 6734348 B1

TITLE: Inbred maize line PH48V

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. De

☐ 3. Document ID: US 6107550 A

L3: Entry 3 of 6 File: USPT Aug 22, 2000

US-PAT-NO: 6107550
DOCUMENT-IDENTIFIER: US 6107550 A
**** See image for Certificate of Correction ****

TITLE: Inbred maize line PH0V0

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. De

☐ 4. Document ID: US 5986183 A

L3: Entry 4 of 6 File: USPT Nov 16, 1999

US-PAT-NO: 5986183
DOCUMENT-IDENTIFIER: US 5986183 A
**** See image for Certificate of Correction ****

TITLE: Hybrid maize plant and seed 31G20

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 5. Document ID: US 5763747 A

L3: Entry 5 of 6 File: USPT Jun 9, 1998

US-PAT-NO: 5763747
DOCUMENT-IDENTIFIER: US 5763747 A

TITLE: Hybrid maize plant & seed (3082)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 6. Document ID: US 5750832 A

L3: Entry 6 of 6 File: USPT May 12, 1998

US-PAT-NO: 5750832
DOCUMENT-IDENTIFIER: US 5750832 A

TITLE: Inbred maize line PH44G

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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Terms	Documents
L1 and L2	6

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6720486 B1

L5: Entry 1 of 1 File: USPT Apr 13, 2004

US-PAT-NO: 6720486
DOCUMENT-IDENTIFIER: US 6720486 B1
** See image for Certificate of Correction **

too late

TITLE: Inbred maize line PH0KT

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L4 not L3	1

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L5: Entry 1 of 1 File: USPT Apr 13, 2004

DOCUMENT-IDENTIFIER: US 6720486 B1
**** See image for Certificate of Correction ****
TITLE: Inbred maize line PH0KT

Detailed Description Text (97):
The results in Table 4A compare inbred PH48V crossed to inbred PH0KT and inbred PHKV1 crossed to PHN46. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid presents higher than average ear placement and a significantly taller plant than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid shows significantly better staygreen scores than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to stalk lodging and brittle stalk than the PHKV1/PHN46 hybrid. The PH48V/PH0KT hybrid shows above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHKV1/PHN46 hybrid.

Detailed Description Text (98):
The results in Table 4B compare inbred PH48V crossed to inbred PH0KT and inbred PHW52 crossed to PHK46. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields with significantly higher test weight of grain than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid presents a significantly taller plant and a significantly higher ear placement than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid shows above average resistance to root lodging. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to stalk lodging and brittle stalk than the PHW52/PHK46 hybrid. The PH48V/PH0KT hybrid shows above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHW52/PHK46 hybrid.

Detailed Description Text (99):
The results in Table 4C compare inbred PH48V crossed to inbred PH0KT and inbred PHBM4 crossed to PHJW1. The results show the PH48V/PH0KT hybrid to demonstrate above average and significantly higher yields with significantly lower harvest moisture and significantly higher test weight of grain than the PHBM4/PHJW1 hybrid. The PH48V/PH0KT hybrid presents a significantly taller plant and a significantly higher ear placement than the PHBM4/PHJW1 hybrid. The PH48V/PH0KT hybrid shows above average resistance to root lodging, stalk lodging and brittle stalk. The PH48V/PH0KT hybrid demonstrates above average and significantly better resistance to Gray Leaf Spot and Southern Leaf Blight than the PHBM4/PHJW1 hybrid.

Detailed Description Paragraph Table (8):
TABLE 4A INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PH0KT VARIETY #2 = PHKV1/PHN46 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT WTH CNT SHD ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 119 116 173.7 106 105 57.0 92 103 100 2 115 117 166.9 101 94 57.2 92 104 103 LOCS 7 6 143 143 143 58 27 30 26 REPS 7 6 165 165 165 59 30 34 29 DIFF 4 1 6.8 4 11 0.3 0 1 3 PR >
T .002# .007# .001# .001# .000# .252 .999 .733 .000# GDU STK PLT EAR RT STA STK BRT DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN TOTAL SUM 1 101 101 104 108 99 109 102 108 100 2 102 102 100 107 103 86 97 98 100

LOCS 17 190 51 50 31 47 55 14 9 REPS 20 245 62 60 34 52 59 19 11 DIFF 2 1 4 2 4 23 6 11 0 PR > T .014+ .183 .000# .195 .027+ .000# .002# .037+ .999 GLF NLF SLF STW ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 6.6 5.8 7.4 7.0 5.0 96.9 6.3 3.0 4.9 2 2.7 5.8 3.6 5.8 2.9 79.6 6.8 3.0 5.3 LOCS 8 5 7 5 6 2 2 1 9 REPS 12 7 10 5 10 4 4 2 12 DIFF 3.9 0.0 3.8 1.2 2.1 17.3 0.5 0.0 0.4 PR > T .000# .999 .000# .235 .021+ .500 .500 .548 DIP COM SOU ECB ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN ABS ABS TOTAL SUM 1 2.8 6.3 4.0 7.5 4.5 5.0 90 4.4 9.0 2 3.3 3.4 4.0 6.3 3.5 5.0 90 4.0 9.2 LOCS 2 10 1 3 1 16 16 8 8 REPS 4 11 1 6 2 16 16 8 8 DIFF 0.5 2.9 0.0 1.2 1.0 0.0 0 0.3 0.2 PR > T .500 .000# .020+ .999 .999 .149 .639 STR T ABS TOTAL SUM 1 72.3 2 72.6 LOCS 8 REPS 8 DIFF 0.3 PR > T .221 * = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (9):
TABLE 4B INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PH0KT VARIETY #2 = PHW52/PHK46 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT WTH CNT SHD ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 120 115 176.6 106 106 57.0 91 103 100 2 118 116 167.1 100 102 56.0 99 100 101 LOCS 5 5 125 125 125 66 25 33 23 REPS 5 5 140 140 140 67 27 37 25 DIFF 1 0 9.5 6 4 1.0 7 3 1 PR > T .006# .999 .000# .000# .000# .000# .091* .098* .009# GDU STK PLT EAR RT STA STK BRT DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN % MN TOTAL SUM 1 100 101 104 108 101 111 103 108 100 2 101 98 100 101 98 107 97 90 100 LOCS 15 160 40 40 13 40 38 13 9 REPS 17 197 42 42 13 43 40 17 11 DIFF 1 2 4 7 3 4 5 18 0 PR > T .203 .007# .000# .000# .384 .458 .010+ .023+ .999 GLF NLF SLF STW ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 6.6 5.8 7.4 7.0 5.0 96.9 6.3 3.0 5.1 2 4.4 5.3 6.5 4.2 4.1 72.9 6.3 3.0 6.2 LOCS 8 4 7 5 6 2 2 1 9 REPS 12 6 10 5 10 4 4 2 12 DIFF 2.2 0.5 0.9 2.8 0.9 24.0 0.0 0.0 1.1 PR > T .000# .423 .007# .009# .186 .426 .999 .159 DIP COM SOU ECB ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN ABS ABS TOTAL SUM 1 2.8 6.9 4.0 7.5 4.5 5.1 92 4.3 9.2 2 3.0 6.5 5.0 6.0 4.0 5.1 90 4.3 8.8 LOCS 2 5 1 3 1 17 17 6 6 REPS 4 6 1 6 2 17 17 6 6 DIFF 0.3 0.4 1.0 1.5 0.5 0.0 2 0.1 0.5 PR > T .500 .374 .122 .999 .776 .648 .422 STR T ABS TOTAL SUM 1 72.2 2 72.5 LOCS 6 REPS 6 DIFF 0.3 PR > T .492 * = 10% SIG + = 5% SIG # = 1% SIG

Detailed Description Paragraph Table (10):
TABLE 4C INBREDS IN HYBRID COMBINATION REPORT VARIETY #1 = PH48V/PH0KT VARIETY #2 = PHBM4/PHJW1 PRM BU BU TST EGR EST GDU PRM SHD ACR ACR MST WT WTH CNT SHD ABS ABS ABS % MN % MN ABS % MN % MN % MN TOTAL SUM 1 120 115 175.8 106 105 57.4 92 104 100 2 123 118 147.2 89 115 55.5 74 104 106 LOCS 5 4 98 98 99 44 19 25 19 REPS 5 4 113 113 114 44 21 29 21 DIFF 4 3 28.6 17 10 1.9 19 0 6 PR > T .003# .000# .000# .000# .000# .000# .000# .999 .000# GDU STK PLT EAR RT STA STK BRT DRP SLK CNT HT HT LDG GRN LDG STK EAR % MN % MN % MN % MN % MN % MN % MN % MN TOTAL SUM 1 100 102 104 109 101 113 103 108 100 2 105 101 96 99 99 138 103 110 100 LOCS 12 134 38 37 11 34 35 13 9 REPS 14 178 45 43 11 37 37 17 11 DIFF 5 1 8 10 2 25 0 2 0 PR > T .000# .591 .000# .000# .247 .000# .999 .366 .999 GLF NLF SLF STW ANT HD MDM FUS SPT BLT BLT WLT ROT SMT CLN CPX ERS ABS ABS ABS ABS ABS ABS ABS ABS ABS TOTAL SUM 1 6.6 5.8 7.5 7.0 5.0 96.9 6.3 3.0 4.8 2 5.7 7.0 5.3 7.4 5.3 96.4 6.3 3.0 6.8 LOCS 8 4 6 5 6 2 2 1 8 REPS 12 6 9 5 10 4 4 2 11 DIFF 0.9 1.3 2.2 0.4 0.3 0.4 0.0 0.0 2.0 PR > T .047+ .080* .004# .587 .543 .500 .999 .041+ DIP COM SOU ECB ECB HSK HSK OIL PRO ERS RST RST 1LF 2SC CVR CVR T T ABS ABS ABS ABS ABS ABS % MN ABS ABS TOTAL SUM 1 2.8 6.9 4.0 7.5 4.5 4.9 89 4.4 9.0 2 3.0 9.0 1.0 5.8 5.0 6.6 121 4.7 9.0 LOCS 2 5 1 3 1 14 14 8 8 REPS 4 6 1 6 2 14 14 8 8 DIFF 0.3 2.1 3.0 1.7 0.5 1.7 32 0.3 0.0 PR > T .500 .001# .063* .000# .000# .046+ .999 STR T ABS TOTAL SUM 1 72.3 2 71.3 LOCS 8 REPS 8 DIFF 1.1 PR > T 030+ * = 10% SIG + = 5% SIG # = 1% SIG

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10/755,622

```
=> file biosis
=> s (mohror, r?)/au
L1             6 (MOHROR, R?)/AU

=> s (maize or corn or zea)/ab,bi

L2        115903 (MAIZE OR CORN OR ZEA)/AB,BI

=> s l1 and l2
L3             6 L1 AND L2

=> file agricola

=> s l3
L4             0 L1 AND L2

=> file biosis

=> d l3 1-6

L3   ANSWER 1 OF 6  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2004:376046  BIOSIS
DN   PREV200400382001
TI   Hybrid   ***maize***   plant and seed 31R88.
AU     ***Mohror, Robert A.***   [Inventor, Reprint Author]
CS   Champaign, IL, USA
     ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI   US 6777597 August 17, 2004

L3   ANSWER 2 OF 6  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2004:275279  BIOSIS
DN   PREV200400276654
TI   Inbred   ***maize***   line PH48V.
AU     ***Mohror, Robert Alvin***   [Inventor, Reprint Author]
CS   Champaign, IL, USA
     ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI   US 6734348 May 11, 2004

L3   ANSWER 3 OF 6  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2002:111216  BIOSIS
DN   PREV200200111216
TI   Hybrid   ***maize***   plant and seed.
AU     ***Mohror, R. A.***   [Inventor]
CS   Greenville, N.C., USA
     ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI   US 5763747 June 9, 1998

L3   ANSWER 4 OF 6  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2002:109320  BIOSIS
DN   PREV200200109320
TI   Inbred   ***maize***   line PH44G.
AU     ***Mohror, R. A.***   [Inventor]
CS   Greenville, N.C., USA
     ASSIGNEE: PIONEER HI-BRED INTERNATIONAL, INC.
PI   US 5750832 May 12, 1998

L3   ANSWER 5 OF 6  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
AN   2001:196791  BIOSIS
DN   PREV200100196791
TI   Inbred   ***maize***   line PH0V0.
AU     ***Mohror, Robert Alvin***   [Inventor, Reprint author]
```

CS Greenville, NC, USA
    ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6107550 August 22, 2000

L3 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2000:276193 BIOSIS
DN PREV200000276193
TI Hybrid ***maize*** plant and seed 31G20.
AU ***Mohror, Robert Alvin*** [Inventor, Reprint author]
CS Greenville, NC, USA
    ASSIGNEE: Pioneer Hi-Bred International, Inc., Des Moines, IA, USA
PI US 5986183 November 16, 1999

=> s ph48v/ab,bi

L5   1 PH48V/AB,BI

=> s l5 not l3
L6   0 L5 NOT L3

=> file agricola

=> s l6
L7   0 L5 NOT L3

=> log y
STN INTERNATIONAL LOGOFF AT 16:37:38 ON 10 DEC 2004